WILLEM BETH
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# Die Gross-Schmetterlinge der Erde

Eine systematische Bearbeitung
der bis jetzt bekannten Gross-Schmetterlinge

In Verbindung mit namhaftesten Fachmännern herausgegeben

Von

Prof. Dr. Adalbert Seitz

I. Abt. 3. Band: Die palaearktischen Eulen.

**Tafeln.**

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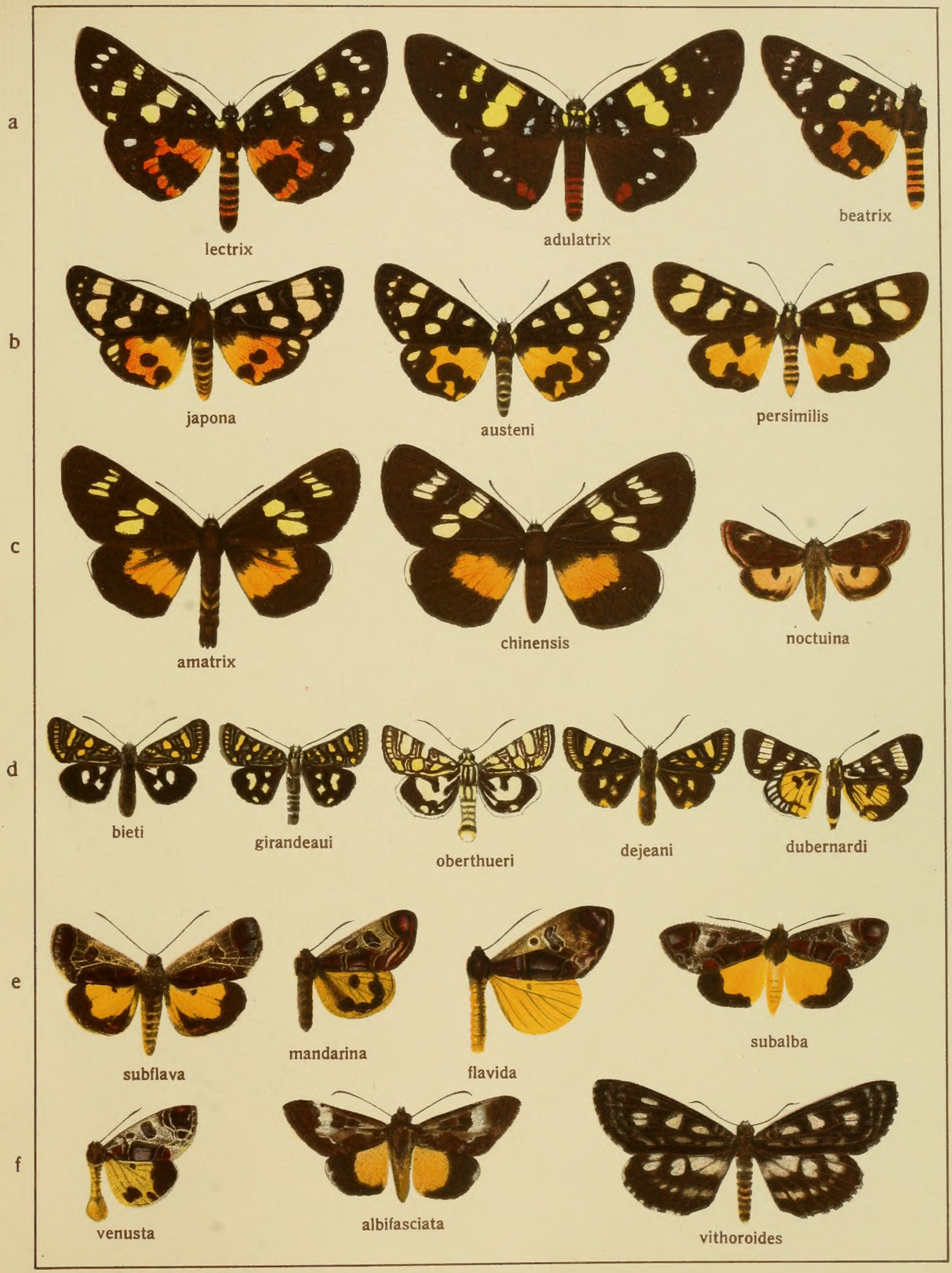
3. Band

# Inhalts-Verzeichnis der Tafeln.

Die beigesetzten Ziffern bezeichnen die Tafeln.


Episteme 1
Chelonomorpha 1
Mimeusemia 1
Scrobigera 1
Syfania 1
Asteropetes 1
Zalissa
Ophthalmis 1
Panthea 2
Moma 2
Canna 2
Daseochaeta 2
Diphtherocome 2
Diphthera 2
Colocasia 2
Oxycesta 2
Eogena 2
Euromoia 2
Simyra 2
Arsilonche 2
Leiometopon 2
Acronicta 2, 3, 75
Chamaepora 3
Anacronicta 3
Panthauma 4
Xanthomantis 4
Metachrostis 4
Euxoa 5—7, 12, 15, 18
Rhyacia 6—13, 15, 21
Nyssocnemis 13
Epigena 13
Hermonassa 13, 15
Amphitrota 15
Perissandria 13
Xestia 13, 15
Aplectoides 13
Anomogyna 13, 14, 18
Eurois 14
Cerastis 14
Orthosia 14
Mythimna 14
Hypoxestia 14
Naenia 14
Epilecta 14
Triphaena 14, 15
Eueretagrotis 15
Rhynchagrotis 15
Isochlora 15
Actinotia 15
Anhausta 12
Blepharita 15
Paraxestia 15
Barathra 15
Discestra 15
Craterestra 15
Scotogramma 12, 15
Haderonia 15
Polia 16—18
Harmodia 17, 18
Aplecta 19, 20
Pachetra 19, 20
Hadena 19
Tholera 19
Thargelia 20
Odontelia 20
Hypobarathra 20
Conisania 21
Onichestra 19
Protonestra 20
Epia 20, 21
Cardepia 21
Trichoclea 20, 21
Manobia 20, 21
Lasianobia 20
Lasiestra 20, 21
Lasionycta 20, 21
Hadula 20, 21
Tiracola 21
Hyssia 20, 21
Eriopygodes 21
Monostola 20, 21
Xylomania 20, 21
Perigrapha 21
Monima 20—22
Clavipalpula 22
Brithys 20
Cerapteryx 20
Hyperiodes 23, 24
Hyphilare 23, 24
Sideridis 23—25
Meliana 25
Brachygalea 28
Cucullia 26—28
Copicucullia 29
Cheligalea 29
Argyromata 29
Lophoterges 28
Callierges 24
Copiphana 24
Metopoceras 24, 28
Ammetopa 24
Cleophana 24
Amephana 24
Omphalophana 24, 28, 29
Calophasia 24, 28, 29
Leucochlaena 28, 29
Ulochlaena 28, 29
Derthisa 28, 29
Oncocnemis 28, 29
Copitype 28
Brachionycha 29
Dasypolia 28, 29
Bombycia 27, 30
Hillia 28
Aporophyla 28, 30
Chloantha 30
Euscotia 30
Lithophane 28, 30, 31
Xylina 31
Dichonia 31
Thecophora 31
Dryobota 31
Meganephria 31, 32
Calotaenia 32
Eumichtis 32
Crino 28, 32
Agriopis 32
Lamprosticta 32
Crypsedra 32
Dryobotodes 32, 33
Valeria 33
Antitype 33, 34
Rhizotype 34
Stenostigma 34
Bryomima 34, 34
Euxenistis 34
Blepharidia 28, 34
Dimya 34
Dasysternum 34, 35
Dasythorax 28, 35
Eupsilia 35
Epiglaea 35
Orbona 35
Xantholeuca 35
Conistra 35, 36
Omphaloscelis 36
Spudaea 36
Orrhodiella 28
Amathes 28, 36, 37
Atethmia 28
Cosmia 24, 28
Telorta 28
Perinaenia 38
Pyrois 38
Amphipyra 38, 39
Gracilipalpus 42
Stygiostola 38
Orthogonia 38, 39
Mania 39, 41
Dipterygia 38
Parastichtis 39, 40
Oligia 40—42
Eremobia 41
Gerbathodes 41, 42
Atrachea 41
Crymodes 41, 42
Sidemia 41, 42
Phoebophilus 41, 42
Heterographa 41
Heteromma 41
Heraema 41
Margelana 41
Eremopola 41
Centropodia 41
Pseudopseustis 41
Pseudohadena 41—43
Luperina 43
Lasiplexia 43
Pareuplexia 42
Trachea 43
Euplexia 43, 44
Trigonophora 44
Chutapha 44
Habryntis 44
Conservula 44
Cobalos 44
Oroplexia 44
Eriopus 42, 44
Telesilla 44
Callogonia 44
Plusilla 44
Virgo 44
Harrisimemna 44
Aucha 44
Polyphaenis 42, 44
Triphaenopsis 42, 44
Talpophila 44
Jambia 48
Bryoleuca 48
Araea 48
Chytonix 44, 48
Stilbina 48
Hypeuthina 42, 48
Pseudoligia 42
Scotocampa 48
Matopo 48
Delta 42
Lithomoia 42
Pulcheria 42
Antha 42
Rhabinopteryx 42
Epimecia 42
Fergana 42
Stilbia 42
Praestilbia 48
Hypostilbia 42, 48
Amphydrina 42
Prodenia 42
Spodoptera 42
Laphygma 48
Athetis 42, 45, 48
Prometopus 48
Acosmetia 45, 48
Petilampa 45
Dysmilichia 45
Proxenus 45, 48
Radinogoes 45, 48
Haemassia 45
Galgula 50
Balsa 48
Psilomonodes 45
Condica 45
Propsalta 18, 45
Scioptila 47
Perigea 47
Hadjina 47
Xylomoia 47
Catamecia 47
Namangana 47
Gortyna 46
Apamea 46
Xanthoecia 46
Hydroecia 46
Brachyxanthia 46
Pyrrhia 46
Ipimorpha 46
Meristis 46
Dadica 46
Strepselydna 46
Elydna 46
Radinacra 46
Calymnia 47
Pinacoplus 47
Metopoplus 47
Mycteroplus 47
Dicycla 47
Enargia 18, 47—49
Phragmitiphila 49
Rhizedra 49.
Arenostola 49
Archanara 49
Coenobia 48
Nonagria 48
Oria 48
Argyrospila 48
Sesamia 48
Calamia 48
Sphragifera 48
Chasminodes 48
Euterpia 48
Synthymia 48
Megalodes 48
Paraegle 48
Metaegle 48
Aegle 48
Opsyra 48

Protoseudyra 48
Heliocheilus 50
Chloridea 50
Rhodoleptria 50
Chariclea 50
Aedophron 50
Melicleptria 50
Timora 51
Adisura 51
Hebdomochondra 51
Erythrophaia 51
Cladocerotis 50
Anartomorpha 48, 50
Schöyenia 48, 50
Orosagrotis 50
Grumia 50
Oxytrypia 50
Anarta 50
Panolis 50
Emia 50
Sympistis 50
Hypsophyla 50
Cteipolia 50
Heliothis 50
Pyrocleptria 50
Xanthothrix 50
Apaustis 50
Panemeria 50
Janthinea 50
Stenoecia 50
Micriantha 50
Stemmaphora 50
Omorphina 50
Mesotrosta 50
Micraeschus 51
Penisa 51
Polyorycta 51
Leptosia 51, 52
Glaphyra 51
Eublemma 51
Calymma 51
Coccidiphaga 51
Thalomicra 52
Porphyrinia 51, 52
Autoba 51
Oruza 51
Hyposada 51
Sophta 52
Corgatha 51
Stenoloba 51, 52
Xantholeuca 52
Phyllophila 51
Ozarba 51, 52
Amyma 51
Ilattia 51, 52
Berresa 51
Maliattha 51, 52
Hyperstrotia 52
Lithacodia 52
Micardia 22, 52
Eustrotia 52
Eulocastra 51, 52
Thalerastria 52
Naranga 51
Metaemene 52
Flammona 52
Nothosterrha 52
Erastria 52
Tarache 52
Hoplotarache 51, 52
Eutelia 53
Anuga 53
Mimanuga 53
Lophoptera 53
Nycteola 53
Sarrothripus 53
Characoma 53
Lamprothripa 53
Eligma Bd. 2, Taf. 13
Gadirtha 53
Blenina 53
Risola 53
Sinna 53
Gabala 53
Siglophora 53
Chionomera 53
Tyana 53
Earias 53
Hylophila 53
Hylophilina 53
Parhylophila 60
Cletrophora 53
Carea 52
Aiteta 52
Hepatica 52
Gelastocera 52
Churia 52
Kerala 52
Macrochthonia 52
Acontia 52
Mormonia 54, 63
Catocala 54—57, 63
Ephesia 56, 57, 63
Ulotrichopus 63
Eccrita 58
Entomogramma 58
Cocytodes 58
Agonista 58
Nyctipao 58, 59, 75
Patula 58
Metopta 58
Enmonodia 59, 60
Speiredonia 59, 60
Dermaleipa 60
Artena 60
Minucia 60, 63
Anua 60, 61
Pindara 61
Ophiusa 61, 63
Naxia 61
Grammodes 61
Calciope 61
Pelomia 61
Remigia 61
Cauninda 61, 63
Ercheia 61
Anisoneura 62
Hypoglaucitis 62, 63
Clytie 62, 63
Alamis 62
Pericyma 62
Cortyta 62, 63
Anydrophila 62
Cerocala 62
Leucanitis 62
Leucomelas 62
Gonospileia 62
Caloplusia 64
Autographa 64
Syngrapha 64
Phytometra 64, 75
Plusidia 65
Chrysoptera 65
Abrostola 65
Cosmophila 66
Rusicada 66
Scoliopteryx 52
Ophideres 66
Adris 66
Monas 66
Hulodes 66
Ericeia 66
Sypna 66, 67, 75
Polydesma 67
Pandesma 67
Belciana 67
Batracharta 67
Erygia 67
Capnodes 68, 70
Diomea 70
Apopestes 68
Autophila 68
Tathorhyncus 68
Dinumma 67
Toxocampa 68
Exophila 68
Chrysorithrum 68
Arcte 67
Catephia 67
Anophia 67
Aedia 67
Serrodes 68
Hypaetra 68
Lacera 68
Oxyodes 68
Ischyja 68
Platyja 68
Episparis 68
Chrysopera 68
Hamodes 68
Blasticorhinus 69
Azazia 69
Hypospila 69
Hypocala 69
Calpe 69, 70
Oraesia 69
Deva 70
Pasipeda 70
Calesia 70
Acantholipes 70
Loxioda 70
Dragana 70
Brevipecten 70
Scedopla 70
Anumeta 70
Aleucanitis 70
Armada 70, 74
Eremonoma 71
Metopistis 71
Marsipiophora 71
Imitator 74
Epharmottomena 71
Metoponrhis 74
Aëthia 71
Laspeyria 71, 74
Colobochyla 71, 74
Parascotia 71, 74
Epizeuxis 71, 74
Prothymia 71, 74
Raparna 71, 74
Hingula 71
Orectis 74
Paragona 71
Chara 71, 74
Rivula 71
Araeognatha 71, 74
Psimada 71
Avitta 74
Megazethes 71, 74
Zethes 71
Pangrapta 71, 74
Tamba 74
Lophomilia 71
Lophograpta 71, 74
Dierna 71
Talapa 74
Ectogonia 71, 74
Megaloctena 71, 74
Pseudaglossa 71, 74
Edessena 72
Cidariplura 71, 74
Simplicia 72
Nodaria 72
Zanclognatha 72, 74, 75
Herminia 12, 72
Pechipogo 72
Badiza 74
Bleptina 72, 74
Bertula 72
Hydrillodes 72
Dichromia 72
Rhynchina 72, 73, 75
Rhynchodontodes 73
Bomolocha 73, 75
Hypena 73, 75
Hypenodes 73
Schrankia 73
Aventiola 74


a
lectrix
adulatrix
beatrix
b
japona
austeni
persimilis
c
amatrix
chinensis
noctuina
d
bieti
girandeaui
oberthueri
dejeani
dubernardi
e
subflava
mandarina
flavida
subalba
f
venusta
albifasciata
vithoroides

a
coenobita ♂
coenobita ♀
b
viridis
pallida
minor
c
alpium ♂
alpium ♀
murrhina
coryli
mus
d
geographica ♂
geographica ♀
chamaesyces
contaminei
buettneri
e
dentinosa
nervosa
splendida
albovenosa ♂
f
albovenosa ♀
smyrides ♂
smyrides ♀
infuscata
centripuncta
g
aceris ♂
aceris ♀
alni
steinerti
carola
h
carbonaria
catocaloida ♂
catocaloida ♀
centralis
cuspis
i
digna
fasciata
eleagni
gastridia ♂
gastridia ♀
k
hemileuca
jankowskii
intermedia
hercules

a
b
c
d
e
f
g
h
i
k
leporina ♂
leporella ♀
rella ♂
ligustri
nigra
major
megacephala
literata
Ac. obscura
An. obscura
pontica ♀
pruinosa ♂
pruinosa ♀
psi
altaica
raphael
strigosa
adaucta
subornata
tridens ♂
tridens ♀
euphorbiae ♀
montivaga ♂
myricae
lutea
radiata
rumicis
alnoides
caliginea
nitida

# ACRONICTA - METACHROSTIS

a
scytha
crassa
b
polybela
golickei
brunnea
lasserrei ♂
lasserrei ♀
c
rugifrons
baetica
fatidica ♂
fatidica ♀
chretieni
d
segetis
segetum ♂
segetum ♀
pallida ♂
e
pallida ♀
robusta
trifurcula
trifurca
f
corticea ♀
obscura
g
patula
spinifera
cinerea
tephrina
h
livonica
christophi
hastifera
obelisca
obelisca
i
villiersi ♂
villiersi ♀
ruris
fictilis

# EUXOA

a
carbonis
renitens ♂
renitens ♀
armena
b
canariensis
fissa
pallidifrons
adumbrata
cognita
c
robiginosa
cursoriodes
viguraea
clauda
d
decora
livida
cucuna
decorata ♂
decorata ♀
e
simplonia
simplonia
culminicola
trux ♂
trux ♀
f
amasina
terranea
olivina
lunigera ♂
lunigera ♀
g
grisescens ♂
grisescens ♀
poliogramma
cursoria ♂
cursoria ♀
h
nigricans
enixa
intolerabilis
conspicua
i
abscondita
hilaris
nyctopis
cos
opipara
k
nigrita
recussa
tritici
aquilina
cruta

a
squalida
b
basigramma ♀
vitta
islandica
rossica
lidia
oberthüri
intracta
xanthiodes
d
forcipula
ignara
h
i
subrosea
k
subcaerulea
velata
hyperborea
coraxa
pygmaea

# RHYACIA

a
b
c
d
e
f
g
h
i
k
l
parvula
ypsilon
panda
lutescens ♀
ab.conflua ♂
ab.conflua ♀
mendica ♂
mendica ♀
homochroma
nyctymerina
psammodea
sikkima
erschoffi

# RHYACIA

a
b
c
d
e
f
g
h
i
k
militaris
fidelis
♂ porphyrea
♀ porphyrea
deser torum ♂
deser- torum ♀
weissen- borni ♂
weissen- borni ♀
desillii
desillii ♀
farinosa
subsequa
consequa
adsequa
pronuba ♀
innuba
musivula
stupenda
kollari
triangulum
ditrapezium
depuncta
subpurpurea
unimacula

a
glaucimacula
ignota ♂
b
albipennis
c
exusta
umbrosa
d
xanthographa
elatior
palaestinensis ♀
e
iberica
nivisparsa
nebula
flavibrunnea
dahlii
canescens
f
tarda
rubicilia
g
griseivena
trigonica
h
agalma
deplanata
i
capnistis
rectangula
k
squalorum ♀
putris
ravida
valida
stabulorum

a
b
c
d
e
f
g
h
i
k
senna
anachoreta ♂
westermanni
scaramangae
straminea
helvetina
diplogramma
simulans
deplorata
ignobilis
denticulata
nigrocosta
tamerlana
chaldaica
spodia
ocellina
alpestris

a
sabulosa
hemisphaerica
acuminifera
tibetana
humigena
submolesta
b
puta
coturnicola
tenuis
ochrina
collina
melancholica
c
romanovi
flavina
cuprina
bonza
andereggii
juvenis
d
glarivena
glis
aucta
ononensis
unctus
lasciva
e
simulatrix
quadrangula
laetifica
ledereri
pieretti
trifida
f
characteristica
homicida
constanti
nili
difficilis
eremicola
g
singularis
glaucescens
aequicuspis
honesta
herrich-schäfferi
exprimata
h
petersi
junctimacula
sareptana
maerens
sibirica
i
plumbea
larixia
funkei
hahni
truculenta
gaurax
peculiaris.

a
toxistigma
degeniata
candelisequa
b
sordescens
margaritacea
insignata
pulverea
valesiaca
c
valesiaca ♀
puerilis
photophila
d
sollers
obscurior
candida
ornata
electra
e
caradrinoides
renigera
renigera
funebris
intermedia
f
pudica
umbrifera
fimbriola
fimbriola
raddei
g
brunnescens
praecurrens
praecox
obesa
polygona
h
cecilia
consignata
lunata
argillacea
lineata
albistigma
i
xestioides
ochreago
miniago
fuscisignata
speciosa
k
brunneago
obscura
arctica
sincera
laetabilis
albuncula

a
b
c
d
e
f
g
h
i
gelida
prasina ♂
coelebs
leucographa
rufa
sobrina
coryphaea
sibirica
mediorhenana
indiana
acetosellae ♂
acetosellae
typica ♂
typica
linogrisea
accipiter
efflorescens
semiherbida
brunnea-virescens
fimbria
rufa
solani

a
janthina
rufa
latimarginata
b
patricia
agathina
c
grumi
xanthiana
viridis
d
albivitta
radiosa
polyodon
hyperici
conjuncta
e
atkinsoni
flavi-
caudata
brassicae
albidilinea
f
straminea ♂
media
g
haplites
cremistis
trifolii
indistincta
h
farkasii
marmorosa
dianthi
sodae
stigmosa
i
atlantica
devota
k
lanzarotis
implexa
clava
pallidula
suecica
antiqua
köppeni

a
proxima
cana
ochrostigma
orientalis
literata ♂
literata ♀
b
suffusa
luteago ♂
luteago ♀
brunneago ♂
brunneago ♀
argillacea ♀
c
argillacea ♂
argillacea
argillacea
serratilinea ♂
serratilinea ♀
peregrina
d
contigua ♂
contigua ♀
subcontigua
genistae ♂
genistae ♀
e
thalassina ♂
thalassina ♀
achates
humeralis
nigrifusa
f
altaica
dissimilis ♂
dissimilis ♀
suasa ♂
suasa ♀
g
laeta
w-latinum
confluens
aliena ♂
aliena ♀
h
ptochica
consanguis ♂
consanguis ♀
mortua
persicariae ♂
i
persicariae ♀
accipitrina
furcula
perdentata

# POLIA-HARMODIA.

a
b
c
d
e
f
g
h
i
k
treitschkei
potanini
bilinea
pusilla
spalax
praedita
declinans
fasciata
bohemanni
brunnea ♂
brunnea ♀
suffusa ♂
filigramma
xanthocyanea ♀
intensa
tephroleuca ♀
pumila
manani
nigrescens ♂
nigrescens ♀
eximia ♂
eximia ♀
galaxia ♂
galaxia ♀
dolorosa
capensis
capensis ♀
fuliginosa
staudingeri

a
b
c
d
e
f
g
h
advena ♂
advena ♀
nitens ♂
nitens ♀
unicolor ♂
mongolica ♂
mongolica ♀
adjuncta ♂
adjuncta ♀
tincta
nebulosa
nebulosa
goliath
calabrica
fulminea ♀
grisescens
dissectus
popularis ♂
popularis ♀
hilaris
cespitis ♂
cespitis ♀

a
pyrenaica
scotochlora
distincta ♂
distincta ♀
fissilis ♂
b
fissilis ♀
megastigma ♀
megastigma ♂
ochrea
icterias
c
repetita
silenides
picturata
aberrans
mendax
mendica
d
renati
silenes
christophi
atalantica
sociabilis
demotica
e
grisea
decreta
montana
elwesi
persa
bryoptera
skraelingia
f
altaica
turpis
optima
insolita
impia
incommoda
g
violascens
musculina
infans
saxea
castaneipennis
ferrosticta
stenoptera
h
pancratii ♂
pancratii ♀
encausta ♂
encausta ♀
graminis ♂
graminis ♀
i
rufocosta ♂
rufocosta ♀
hibernicus
gramineus ♂
gramineus ♀
megala

a
leineri
furcata
pomerana
irregularis
b
irrisor ♂
irrisor ♀
albicolon ♂
albicolon ♀
cinerascens ♂
c
cinerascens ♀
dovrensis
deliciosa
meraca
lurida
laetior
d
odiosa
simplex
xena
korghossi
tancrei
e
praecipua
longicornis
sabulorum
unica
f
plagiata ♂
plagiata ♀
cavernosa
asiatica
g
imbecilla ♂
imbecilla ♀
impar
conspicillaris
melaleuca ♂
melaleuca ♀
h
intermedia
bella
bella
circumducta
circumducta ♀
i
i-cinctum ♂
i-cinctum ♀
carnipennis ♂
carnipennis ♀

biconifer ♂
miniosa ♀
pallida ♂
junctus
rufannulatus
japonica ♂
japonica ♀
pulverulentus ♂
fausta ♂
subcarnea
contracta
fuscatus ♂
fuscatus ♀
olivacea ♂
rosea ♂
rosea ♀
rufescens
ella
auraria ♂
auraria ♀

# ERIOPYGA-LEUCANIA.

fuliginosa
obscura
pryeri
simplex
proxima
postica
sinuosa
phlebitis
dactylitds
khalildja
jordana
opaca
mesotrosta
sesamiodes
codeti
ramosa ♂
oliva
olivina
felicina ♂
felicina ♀
felix
chabordis ♂
chabordis ♀
albicans
baetica ♂
baetica ♀
jubata
pectinicornis
opposita
vaulogeri
diffluens
yvanii ♂
yvanii ♀
marocana
warionis
anarrhini
aurita
antirrhini
serrata
serratula
kraussi
aurago ♂
rutilago ♂
rutilago ♀
fucata ♂
fucata ♀
siphuncula
fulvago ♀
togata
flavescens ♂
flavescens ♀
cerago
tunicata

a
comma ♂
comma ♀
suffusa
ochracea
lineatipes
perrufa
deserticola
b
insecuta ♂
insecuta ♀
andereggii ♂
andereggii ♀
cinis
engadensis ♂
c
engadensis ♀
lineata
sicula ♂
sicula ♀
cyperi
punctosa ♂
punctosa ♀
d
putrescens ♂
putrescens ♀
zeae ♂
zeae ♀
indistincta
putrida
e
scirpi ♂
scirpi ♀
uni- ♂ puncta
unipuncta ♀
placida ♂
placida ♀
f
radiata
fasciata
ferrilinea ♀
ferrilinea ♂
impura ♂
impura ♀
fuscipennis
g
alboradiosa ♂
alboradiosa ♀
pauper ♂
pauper ♀
straminea ♂
straminea ♀
pallens ♂
h
pallens ♀
ectypa ♂
ectypa ♀
melania ♂
melania ♀
obsoleta ♂
i
obsoleta ♀
nigrostriata
pudorina ♂
pudorina ♀
impudens
languida
k
flammea ♂
flammea ♀
♂ favicolor
favicolor ♀
fusco- rosea ♂
fusco-rosea ♀

magnifica
jankowskii
argentea
subcaerulea
achatina
argentina
spectabilis
mandschuriae
cineracea
defecta
artemisiae
♂ embolima
embolima
umbristriga
duplicata
odorata
alpherakyi
formosa ♂
formosa ♀
hemidiaphana
retecta
perforata
absynthii
umbratica ♀
distinguenda
clarior ♂
clarior ♀
virgaureae
chamomillae
chrysanthemi ♂
chrysanthemi ♀
calendulae
boryphora
tanaceti ♂

a
tanaceti ♀
lactucae ♂
b
anthemidis
pullata
c
santolinae
campanulae ♀
d
lucifuga
xeranthemi
e
gnaphalii
asteris ♂
stigmatophora
f
scrophulariphila
scrophulari phaga
thapsiphaga ♂
g
lychnitis ♀
verbasci
h
verbasci ♀
scrophulariae
i
prenanthis
balsamitae ♂
balsamitae
lactea
biornata ♀

a
maculosa
propinqua
achilleae
maracandica
fraterna
b
canteneri
delicata
pauli
almoravida
fallax
c
scillae
platyptera
superba
exacta
nigricula
antherici
d
sommeri
e
anachoretoides
daishi
cypreago
f
vulpecula
pagodae
nigrescens
variegata
xerampelina
unicolor
rufa
g
ambusta ♀
gilvago ♂
gilvago ♀
suffusa
griseosignata
griseosignata
h
ocellaris ♂
i
carneago
sulphurago
aurantiago ♂
aurantiago ♀
incolorata
ledereri
k
approximata
melonina
edentata
divergens ♂
divergens ♀
acuminata ♂
acuminata ♀

a
naruenensis
b
anatolica
acuta
c
subalbida
freyeri
d
hispanica ♀
leucocera
hirta
rufescens
e
strioligera
f
glaucina
unicolor
amasina
♂
scoriacea
g
sphinx
h
nubeculosa
perfumosa ♀
i
templi
alpina
ferdinandi
k
viminalis ♀
saliceti ♂
saliceti
rufescens
obscura ♂
obscura ♀

a
scripta ♂
scripta ♀
suffusa
uralensis
lutulenta ♂
lutulenta ♀
b
consimilis ♂
consimilis ♀
tripuncta
luneburgensis ♂
luneburgensis ♀
australis ♂
c
australis ♀
costata ♂
costata
scriptura ♂
scriptura ♀
d
ingenua ♂
ingenua
pascuea ♂
pascuea ♀
nigra ♂
nigra ♀
e
nigra
seileri
solidaginis ♂
solidaginis ♀
cinerascens
f
pulla
pulla
saga
g
saga ♂
semibrunnea
socia
umbrosa
ledereri
h
rosinae
ornithopus
pallida
pruinosa ♂
pruinosa ♀
nigrata
i
unicolor
lamda
zinckenii
somniculosa
furcifera

a
rufescens
variegata
ingrica
grisea
b
ustulata
lapidea
sabinae
merckii
tephroptila
c
vetusta
albida ♂
albida ♀
brunnea
d
exoleta
pallescens
fumosa
e
formosa ♂
formosa ♀
lunigera
f
areola ♂
areola ♀
fovea ♂
fovea ♀
furva
g
♂ oxyacanthae
oxyacanthae ♀
benedictina ♀
benedictina ♂
capucina ♂
h
capucina ♀
extensa ♂
extensa ♀
bimaculosa ♂
bimaculosa ♀

a
funesta
celsia
jankowskii
lichenaea
viridicincta
b
muscosa
tenerifica
melanodonta ♂
♀ melanodonta
satura
c
adjuncta
adusta ♂
adusta ♀
vultarina
solieri ♂
d
solieri ♀
grisescens
baltica
baltica
lama
aprilina
e
aeruginea ♂
convergens ♂
mioleuca
aeruginea ♀
convergens ♀
f
pryeri
pryeri
viridana
viridana
gemmea
gemmea ♀
g
niphopasta
viridula
munda
accipitrina
monochroma
suberis ♂
h
suberis ♀
suberis
concinna
roboris
roboris
protea ♂
i
protea ♀
variegata ♂
variegata ♀
grisea ♂
grisea ♀
incolorata

a
dejecta
intermissa ♀
venusta
contermina
oleagina
b
oleagina
serpentina
serpentina
c
rebecca
polymita ♂
polymita ♀
manisadjiana ♂
manisadjiana ♀
d
flavicincta ♀
e
f
argillaceago ♀
subvenusta
miltina
calamistis
dubia ♂
dubia ♀
g
canescens ♀
illecebrosa
h
xanthomista ♂
nivescens
statices ♂
i
statices ♀
hostilis

# ANTITYPE - DASYSTERNUM

brunnea
albipuncta ♂
pallidior ♀
corsica
sericea
evelina
castaneofasciata ♂
castaneofasciata ♀
eriophora
erythrocephala
conspicua
ardescens
unimacula ♂
unimacula ♀
pallidistigma

a
nigroliturata
uniformis
albipuncta
vaccinii ♂
vaccinii ♀
mixta
b
glabroides ♂
glabroides ♀
spadicea ♂
spadicea ♀
spadicea ♂
spadicea ♀
signata ♂
c
signata ♀
rufa
suffusa
ligula ♂
ligula ♀
polita ♂
polita ♀
d
subspadicea ♂
subspadicea ♀
canilinea ♂
canilinea ♀
canescens
turtur
e
rubiginea ♂
rubiginea ♀
tigerina
completa
staudingeri ♂
f
staudingeri ♀
scortina ♂
scortina ♀
unicolor
multiscripta
g
uniformis ♂
uniformis ♀
livina ♂
pallida
h
submarginata
agrotoides
brunnea
i
ruticilla
grisea
castanea
witzenmanni
subcastanea ♂
subcastanea ♀
k
rupicapra ♂
rupicapra ♀
humilis
lychnidis ♂
lychnidis ♀

# AMATHES

pistacina ♀
obsoleta ♂
obsoleta ♀
serina ♂
serina ♀
serina
serina ♀
canaria ♂
canaria ♀
coerulescens ♂
coerulescens ♀
kindermanni ♀
fuscoliva ♀
laevis ♂
haematidea
lota ♂
subdita ♂
subdita ♀
cilenta ♂
macilenta ♀
circellaris
ferruginea
(ab.) macilenta ♀
catenata
ochrea
unicolor
helvola
sibirica
pallescens ♂
litura ♂
litura ♀
polluta
ornatrix ♀
luteogrisea
gratiosa
lucida ♂
lucida ♀
obscurata ♂
obscurata ♀
garibaldina
deleta ♀
brunnea
pontica ♂
pontica ♀
iners
suspecta

# PERINAENIA - ORTHOGONIA

b
plenifasciata
canimaculata
semigrigea
d
e
combusta
alopecurus ♂
alopecurus ♀
nigrorubida
extincta
uniformis
funerea
oriens
brunneata
h
infuscata
sordida
i
purpurina
lateritia ♂
lateritia ♀
expallescens
derufata ♂
derufata ♀

lunulina
intermixta
aureopuncta
subbrunnea
ophiogramma
askoldis
fasciculata
cuneata
brunnea
nictitans
leucostigma
pulverosa
lilacina
moderata
latruncula
aerata
fasciata
suffumata
virgata
aethiops
aethiops
intermedia
ferrea
fasciuncula
fasciuncula
literosa
literosa
constricta
subarcta
subrosea
bicolaria
furuncula
rufuncula
rufuncula
terminalis
brunneo-reticulata
reticulata
longestriata
pallidior

b
d
h
vinctuncula
unicolor
fraudulenta
arcta ♂
arcta ♀
arctides
vulnerata
khasiana
captiunçula
expolita
haworthi
spilogramma
depravata ♂
subornata
amoenus
scripturosa
discrepans
jordana
laciniosa
sergia
idumaea
schlumbergeri
pexa

turcomanica
ephialtes
leuconephra
dumetorum
montana
bischoffi
inutilis
decipiens
indigna
chalybeata
pallidimargo
oreophila
anomala ♂
abyssinia ♀
pecten ♂
pecten ♀
atriluna ♀
placata
dentina
tristior
centralasiae ♂
centralasiae ♀
ambigua ♂
superstes ♀
respersa ♂
respersa ♀
subsericata
subpulchra
albomacula
albidisca
armata
pugnax

roseonitens
crassipuncta
coluteae
contumax
cinerea
nigrescens
unca
x-notata
rufa
dumerili
sancta
nickerlii
rubella
ferrago ♂
subaquila
tokionis ♀
intensiva
semifascia ♂
semifascia ♀
laetevirens ♀
laetevirens ♂
bella
obfuscata

luteifrons
argyrosticta
albolineata
maillardi
duplicans
duplicans
repleta
venata
marmorata
variegata
sericata
viridata
mediolucens
nigriplaga
modesta
texta
brunnea
depicta
vitalba
amathusia
nigribasalis
fodinae

# ATHETIS - PROSPALTA

a
bipuncta
laevis
b
nictitans ♀
obscura
pallescens ♂
pallescens ♀
paludis ♂
paludis
c
cervago
d
hucheradi
petasitis
e
intacta
moesiaca
f
umbrosa ♂
umbrosa ♀
perlucida
g
marginata
purpurina
victorina ♀
h
victorina ♂
prozanoffzkyi ♂
prozanoffzkyi
treitschkei
retusa
subtusa ♂
contusa ♂
contusa ♀
i
bilinea
perrufa
obscura
semifuscans
lineosa ♂
k
lineosa ♀
truncipennis ♂
truncipennis ♀
cinerascens
albisignata
coeca ♂
coeca ♀

firina
pyrochroma
wichti
beata
deceptrix
minima
contrita
cashmirensis
cretacea
accurata
affinis
suffusa ♂
ochrea
unicolor
diffinis
confinis
ab. affinis
pyralina
conspersa ♂
conspersa ♀
badiofasciata
restituta
camptostigma
distincta ♂
distincta ♀
subtilis ♂
subtilis ♀
flavifimbria
exigua ♂
exigua ♀
bifasciata
borjomensis
paleacea ♂
paleacea ♀
teichi
abluta
glaucula

a
transversa
exigua ♂
exigua ♀
exigua ♀
conspicua
menetriesi
b
pertinax
conciliata
trilinea
attenuata
segregata
hypenides
fulgurita ♂
fulgurita ♀
c
selecta
armeniaca
megastigma
apertura
ingrata
d
pretiosa
cinerea
e
lineola ♂
lineola ♀
pallescens
stigmatica
f
musculosa ♂
musculosa ♀
g
cretica ♂
cretica ♀
gracilis
virens
immaculata
thalassina
rufata
h
rejecta ♀
albonitens
nigrilinea
i
laudeti ♂
laudeti ♀
fixa ♂
fixa ♀
exsiccata
exsiccata ♀
eximia
k
kashmiriensis
ochracea
ochracea
vespertalis
vespertalis ♀
transversa
pallida
nubila
subflava
l
subflava
koeckeritziana
agatha
minor
picta

a
fasciata
imbuta
rufula
b
c
rufescens ♀
d
elymi ♂
elymi ♀
procera
brevilinea
sinelinea
phragmitidis
rufescens
e
pallida
olivescens
impudica
sohn-reteli
deserticola
modesta
mabillei
f
pulverosa
pygmina ♂
pygmina ♀
fulva
ochracea ♂
ochracea ♀
punicea
pallida ♂
g
pallida ♀
extrema ♂
extrema ♀
morrisii ♂
morrisii ♀
geminipuncta
nigricans
obsoleta
h
unipuncta
resoluta
dissoluta
arundineta
hessii
i
sparganii
obsoleta
bipunctata
bipunctata
rufescens
k
aerata
algae ♂
algae ♀
fumata
liturata
insoluta
cervina

staudingeri ♂
staudingeri ♀
richardsoni ♂
myrtilli ♂
rufescens
peralbata
alpina
citrina
cordigera
suffusa
melanopa ♀
melanopa ♂
vidua ♂
vidua ♀
rupestralis
mausi
flammea ♀
flammea ♂
griseovariegata
zemblica
cyclopea
cymbalariae
oberthürii
funesta
tamerlana
lunulata
purpurascens
subrosea
frivaldszkyi
ab. viola
restricta
divalis
dos
decorata
viola
aurantiaca
signalis
canariensis ♂
canariensis ♀
obsoleta
fusca ♀
rhodites
phlebophora
phlebophora
scutosa ♂
scutosa ♀
scutatus
optabilis ♂
optabilis ♀

trilinea wollastoni griseola unitormis subvenata sancta syrtensis karachiensis tapina leucosticta

a
dingeri
miasma
debilis
gayneri
hansa
grata
viridis
illota
pura
b
stellata
lativitta
melaleuca
plumbi-tincta
flavipuncta
c
mandarina
rosacea
falsa ♂
falsa ♀
♂ distinguenda
distinguenda ♀
d
atrata
deceptoria
nemorum
senex
confusa
brunnea
nivata
numisma
e
pulchra
munda
flaviplaga
uncula
olivana
tripartita
f
obliqua
magna
japonica
noloides
culta
tegulata
mesozona
undulata
g
bipartita
diaphora
maculata
trilineata
oranaria ♂
trabealis ♂
trabealis ♀
nigra
♂ confluens
delecta
flavonitens
h
viridi-squama
algira ♂
algira ♀
fascialis
ruficincta
marmoralis ♂
marmora-lis ♀
costiplaga
urania ♂
olivacea
i
albicollis
lugens
irregularis
insolatrix
k
luctuosa ♂
angustifascia ♂
biskrensis
sordescens
costimacula
lunana
l
m
n
decipiens
ochroleucana
erosa ♂
erosa ♀
libatrix
transversa ♀

a
b
c
d
e
g
m
lunulata ♀
prominens ♀
coreana
hampsoni
quinaria ♀
rufitincta
irrorata
roseifera ♀
pudicana
pupillana
japonica
bicolorana
conspersa
africana
distincta ♂
distincta ♀

a

b

c

d

e

f

dilecta
dula
albimedia
sponsa
fasciata
rejecta
grisea
lacta
neonympha
fraxini
gaudens
contigua
bella
serenides

# CATOCALA

a
b
c
d
e
f
zalmunna
subtristis
remissa
meridionalis
decorata

patala
inconstans ♂
inconstans ♀
innota
mirifica

a
b
c
connexa
d
fasciata
protonympha
xarippe
largetami
e
disjuncta
diversa
anthracila
f
fasciata
vallantini
g
agamos
carbonaria
h

macrops ♂

a
celsiana
b
fasciata ♂
c
innotata
d
e
f

a
b
c
d
e
f
g
h
auricularis
arctotaenia ♀
praeter-
geometrica
orientalis
bifulvata
absorpta
languescens
discios
latiorata
umbrosa ♀
umbrosa ♂

a
hypocyanea ♂
benenotata
lutea ♂
hypocyanea ♀
b
lutea ♀
illunaris
ossea ♀
sancta ♂
obsoleta
haifae ♂
haifae ♀
sancta ♀
c
syriaca ♂
syriaca ♀
albimargo
pallida ♂
lapidea ♀
delunaris
d
terrulenta ♂
terrulenta ♀
luteonigra
albidentaria ♂
albidentaria ♀
albidentaria ♀
e
squalens ♂
squalens ♀
rufescens ♂
fasciolata ♀
vetusta
imitatrix ♂
imitatrix ♀
f
simiola ♂
mirifica ♂
intermixta
insana ♂
insana ♀
confusa
sana
scapulosa
sequistria
g
albimedia
picta ♂
obfuscata ♀
radapicta ♀
latimedia ♂
kabylaria ♀
roda ♂
roda ♀
h
juvenilis ♀
fortalitium ♀
albescens ♀
mi ♂
ochrea ♂
ochrea ♀
litterata ♂
illuminata ♂
i
illuminata ♀
extrema ♂
suffusa ♀
regia ♂
glyphica ♂
suffusa ♂
marginata ♂
obsoleta ♂
tristicula ♀
k
dentata ♂
dentata ♀
triquetra ♀
aurantiaca ♀
fumata
munita ♂
derufata ♀
sordida ♀
immunita

a
grisea ♀
b
bifasciata
moses
c
praetermissa ♂
lesbia ♀
d
musmi
e
repudiata
omphale
f
séparans
intacta
g
wiskotti
triphaenoides

a
devergens
hochenwarthi
cuprina
alaica
tibetana
composita
parilis
microgamma
b
ain
tumidisigna
diasema ♂
diasema ♀
interrogationis
orbata
flammifera
c
cinerea
gammifera
ignifera
circumflexa ♀
festucae ♀
major ♂
d
festata
conjuncta
barbara ♂
bractea ♂
bractea ♀
excelsa
argyrosigna
e
chryson
leonina
bieti
zosimi
juncta
f
chrisitis
disjuncta
scintillans
nadeja
stenochrysis ♂
stenochrysis ♀
aurea
g
peponis
orichalcea ♂
orichalcea ♀
intermixta ♂
intermixta ♀
chalcytes ♀
h
chalcytes ♂
eriosoma ♀
agnata ♂
purpureofusa ♂
pyropia
ornatissima
dives ♂
i
aemula ♂
deaurata ♂
v-argenteum
ornata
jota ♀
percontatrix ♂
k
inscripta
baltica
monogramma ♀
pulchrina
percontatrix ♀
buraetica

a
pallida ♂
gamma
pallida
rufescens ♂
rufescens ♀
b
mandarina
macrogamma ♂
macrogamma ♀
confusa
c
purissima
tancrei
jessica
v-minus
accentifera
rufilifrons ♂
variabilis ♂
d
variabilis ♀
sergia ♀
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